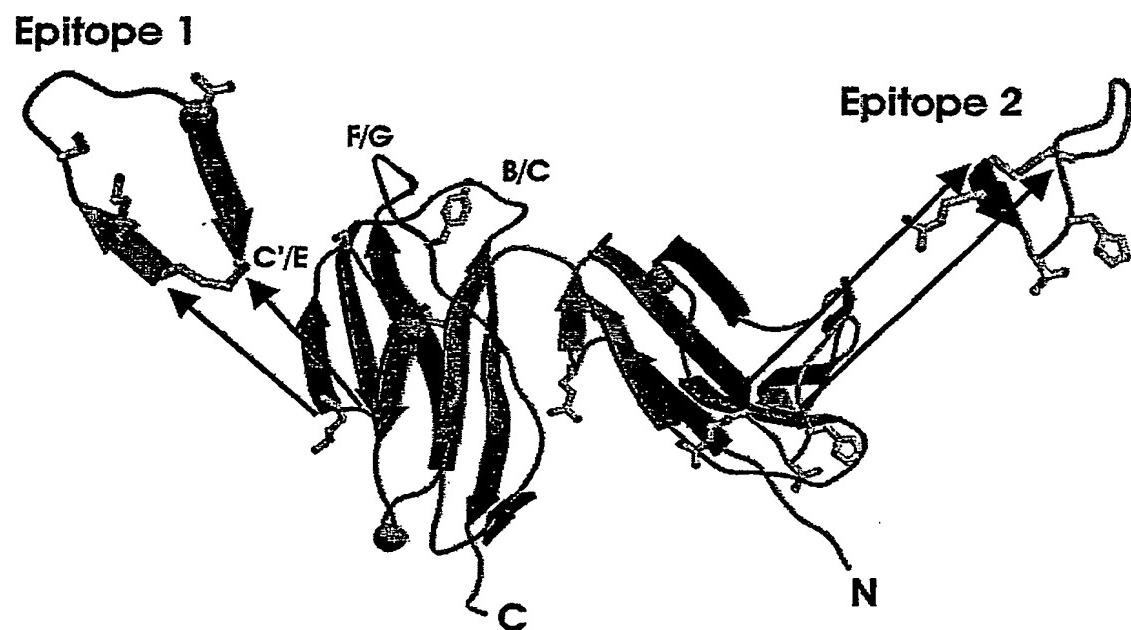


Figure 1:

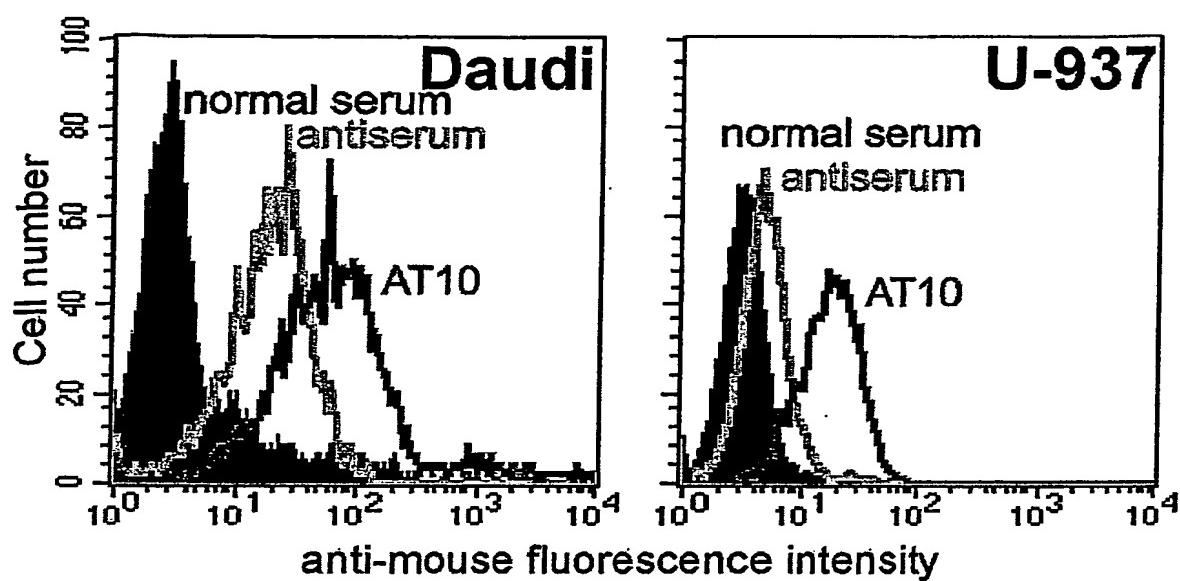
	1	10	20	30	40	50	59
Fc γ RIIa	AAPPKAVLKLEP	PWINVLOEDSVTLTC	GAR	SPESDS	SIQWFHNGNLIPTHTQPSYRFKAN		
Fc γ RIIb	AAPPKAVLKLEP	QWINVLOEDSVTLTC	RG	THSPE	SDS	SIQWFHNGNLIPTHTQPSYRFKAN	
	*****	*****	*****	*	*****	*****	*****
	60	70	80	90	100	110	119
Fc γ RIIa	NNDSGEYTCQ	TGQTSLSDPVHL	TVLSEWLVLQ	TPHLEFQEGETIM	MLRCHSWKD	KPLVKVT	
Fc γ RIIb	NNDSGEYTCQ	TGQTSLSDPVHL	TVLSEWLVLQ	TPHLEFQEGETIM	MLRCHSWKD	KPLVKVT	
	*****	*****	*****	*****	*****	*****	*****
	120	130	140	150	160	170	
Fc γ RIIa	FFQNGKS	OKFSRIDL	DPTFSI	QANHSHSGDYHCTGNIGYTL	SSKPVTITVQ	VP	
Fc γ RIIb	FFQNGKS	KKFSRSDP	NFSI	QANHSHSGDYHCTGNIGYTL	SSKPVTITVQ	AP	
	*****	***	*****	*****	*****	*****	*

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Figure 2:



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Figure 3:**BEST AVAILABLE COPY**

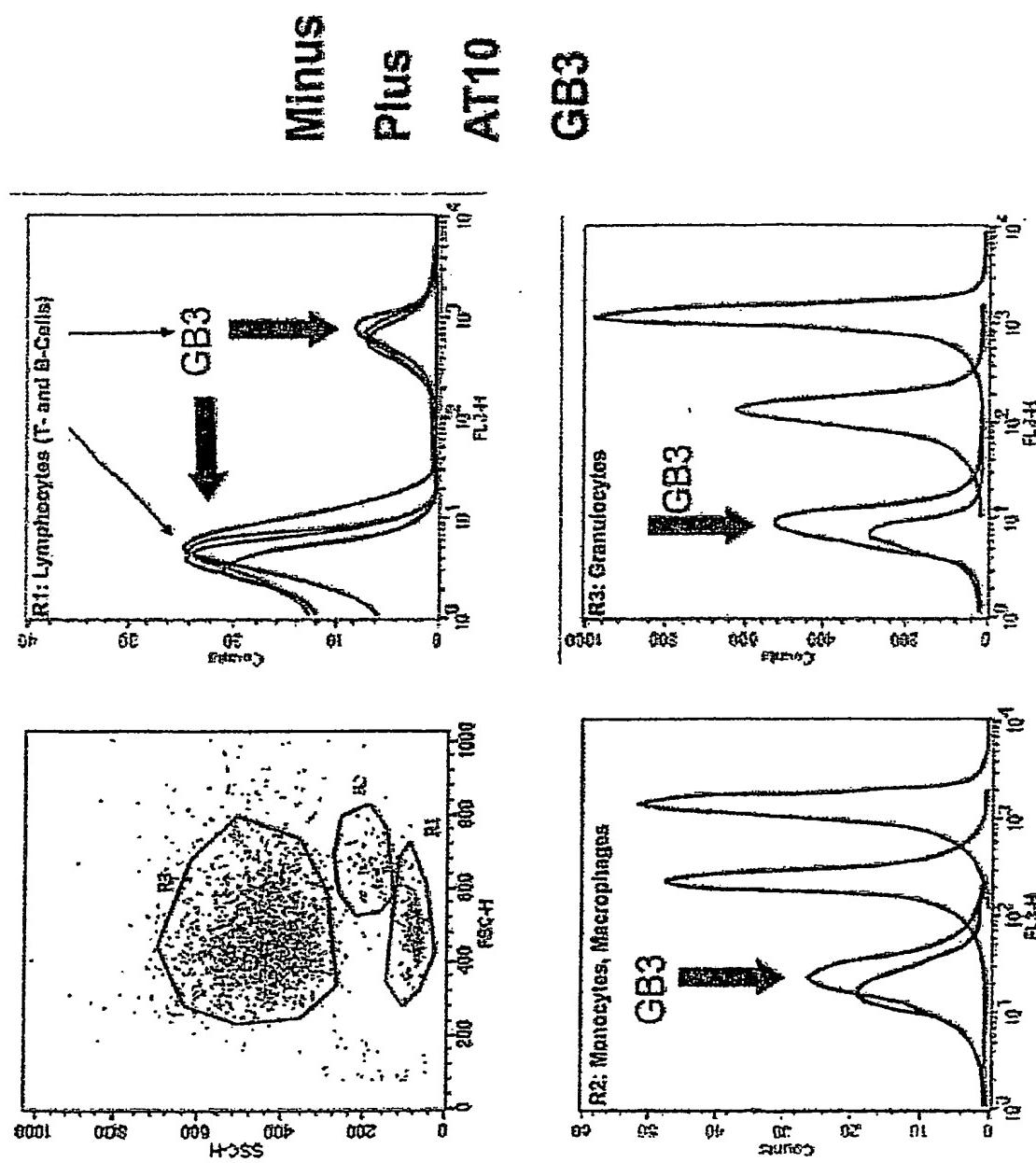


Figure 4:

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Figure 5:**a) Variable light region of mAb GB3**

agaattcagctgaccagtctccatcctccttatctgcctctctgggagaaagagtca
 R I Q L T Q S P S S L S A S L G E R V S

 ctcacttgt|cgggcaagttaggtacttaagctggcttcagcagaaacca
 L T C R A S Q E I S G Y L S W L Q Q K P
CDR1

 gatggaactattaaacgcctgatctac|gccacatccgcttagattctggtgtccaaaa
 D G T I K R L I Y A T S A L D S G V P K
CDR2

 aggttcagtggcagtgggtctgggtcaaattattctctcaccatcagcagcctttagtct
 R F S G S G S N Y S L T I S S L E S

 gaagattttgcagactattactgt|tacaatatgctaattatccgtacacg|ttcggaggg
 E D F A D Y Y C L Q Y A N Y P Y T F G G
CDR3
gggacccaagctg
 G T K L

b) Variable heavy region of mAb GB3

gtgcagctgcagcagtctggacctgagctggtaagcctgggcttcagtgaagattcc
 V Q L Q Q S G P E L V K P G A S V K I S

 tgcaaggcttct|ggctacacccactgactataataactgggtgaaacagtggcct
 C K A S G Y T F T D Y Y I Y W V K Q W P
CDR1

 ggacagggacttgagtggattggatggattttcctggactggtaataacttactacaat
 G Q G L E W I G W I F P G T G N T Y Y N
CDR2

 gaaaacttcaaggacaaggccacacttactatagatagatcctccagcacagcctacatg
 E N F K D K A T L T I D R S S S T A Y M
CDR2 (contd.)

 ttgctcgccagcctgacctctgaggactctgcggcttattctgttatggt|ccgtttgct
 L L G S L T S E D S A V Y F C Y G P F A
CDR3

tactggggccaa
 Y W G Q
CDR3

Figure 6:**Variable heavy region of mAb CE5:**

tqcaqqagtcaggacctggccttggcgccctcacagagcctgtccatcacatgcaccgtct
 L Q E S G P G L V A P S Q S L S I T C T V
 cagggttctcattaaccggctatggtgtaaactgggtcgccagcctccagggaaagggtctgg
 S G F S L T G Y G V N W V R Q P P G K G L
CDR1
 agtggctggaatgattgggtgatggaaacacagactataattcagctctcaaattccagac
 E . W L G M I W G D G N T D Y N S A L K S R
CDR2
 tgagcatcagcaaggacaactccaagagccaagttttctaaaaatgaacagtctgcacactg
 L S I S K D N S K S Q V F L K M N S L H T
 atgacacagccaggtaactactgtgccagagagagattataggcttgcactactggccaag
 D D T A R Y Y C A R E R D Y R L D Y W G Q
CDR3
ggaccacqgtcaccqtctcctcag
 G T T V T V S S

Variable light region of mAb CE5:

qaqctcacccagtcctccaggcctcccttctgcgtctgtggagaaactgtcaccatcacatgt
 E L T Q S P A S L S A S V G E T V T I T C
 cgagcaagtggaatattcacaatttttagcatggtatcagcagaaacagggaaaatctcct
 R A S G N I H N Y L A W Y Q Q K Q G K S P
CDR1
 cagctcctggctattataacaacaaccttagcagatggtgtgccatcaaggttcagtggcagt
 Q L L V Y Y T T L A D G V P S R F S G S
CDR2
 ggatcaggaacacaatattctcaagatcaacagcctgcaacctgaagattttggagttat
 G S G T Q Y S L K I N S L Q P E D F G S Y
 tactgtcaacattttggagtactcctcgacqttcqgtggagggaccaaqctcqag
 Y C Q H F W S T P R T F G G G T K L E
CDR3

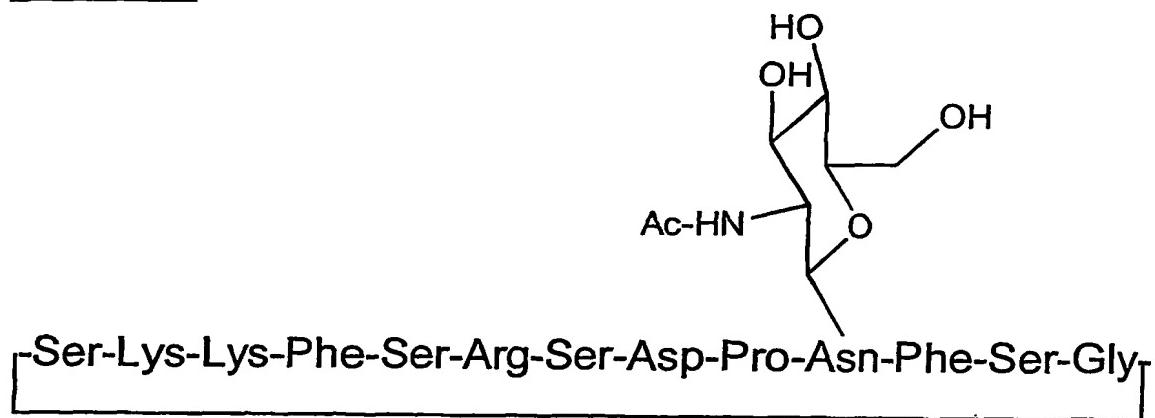
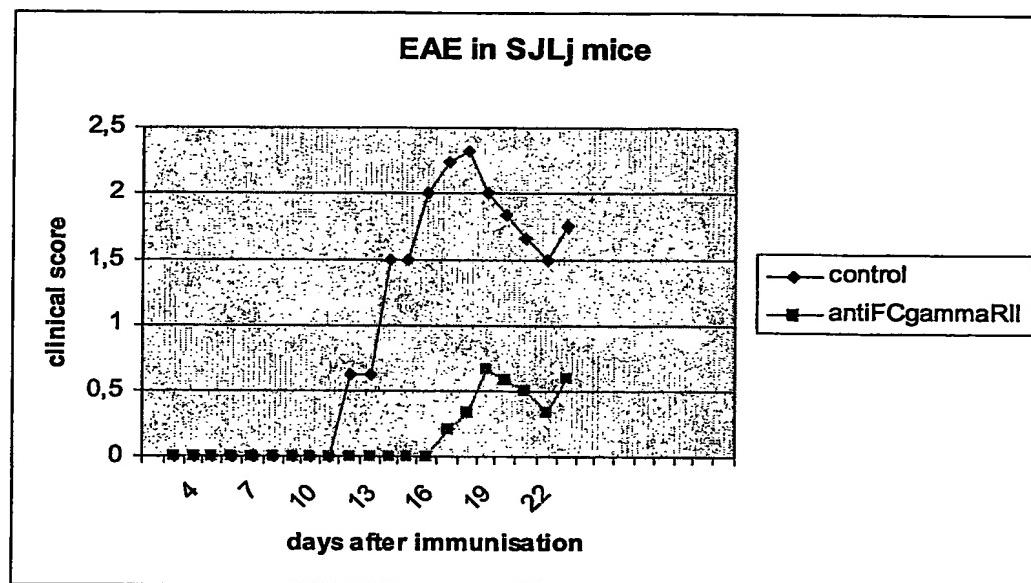
Figure 7:

Figure 8:**BEST AVAILABLE COPY**